

Title (en)
IMPROVED COMBINATION CONTROL FOR INJECTION MOLDING

Title (de)
KOMBINATIONSSTEUERUNG FÜR DAS SPRITZGIESSEN

Title (fr)
NOUVELLE COMMANDE COMBINÉE POUR MOULAGE PAR INJECTION

Publication
EP 0853793 B1 20011212 (EN)

Application
EP 96933213 A 19961001

Priority

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- US 53909895 A 19951004

Abstract (en)
[origin: WO9713212A1] An adaptive controller (42) is provided for controlling the velocity of a ram (32) in an injection molding apparatus (14) during the injection stage of the molding cycle. The controller (42) includes two sets of parameters. The first set of parameters defines an open-loop control equation and the second set of parameters defines a closed-loop control equation for controlling the ram (32) velocity. The first and second set of parameters are modified to improve the ram (32) performance and efficiency on the subsequent injection cycle.

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IPC 8 full level
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